

# MAC LIU

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MacLiu.github.io/portfolio    github.com/macliu

## EDUCATION

**Bachelor of Science:** Computer Science, 2014 - 2018

**Iowa State University** - Ames, IA

## SKILLS

- Java (proficient)
- Objective-C (proficient)
- HTML/CSS (familiar)
- C++ (familiar)
- Xcode
- Eclipse
- Chinese (Mandarin)
- Teamwork
- Adobe Illustrator
- Advanced problem solving skills

## WORK HISTORY

**Developer and Designer**, 06/2014 to Current

**Independent IOS Developer**

- Built IOS applications working with iOS 7 SDK, Objective-C, Cocoa Touch, UIKit, Xcode, and Interface Builder.
- Implemented Core Data for local persistence and Parse for persistence in the cloud.
- Debugged and modified software components.
- Designed icons, logos, and background images with Adobe Photoshop CC, Adobe Illustrator CC, and Paint

**Calculus/Algebra II Tutor**, 08/2013 to 12/2013

**Millard North Tutoring Program**

- Helped students on their performance in algebra and basic calculus concepts in a student-led after-school tutoring program.
- Conducted weekly review over basic calculus and algebra concepts that was learned throughout the week.

## PROJECTS

**Who's Free**

- IOS app that informs user about which friends are free
- [github.com/MacLiu/Free](https://github.com/MacLiu/Free)

**PlacedIt**

- Mobile application to track where items are placed
- [github.com/MacLiu/PlacedIt](https://github.com/MacLiu/PlacedIt)

## ACCOMPLISHMENTS

- George Washington Carver Scholarship
- Iowa State First Year Honors Program
- Presidential Academic Award
- Key contributor in the design and implementation of new features for Who's Free.